



*“We Help
Put America
Through
School”*

EAI Integration Monthly Meeting

April 4, 2002

EAI Integration Monthly Meeting Schedule



Date	Location	Time
December 6, 2001	Room 221 B	10:00-11:00
January 10, 2002*	Room 221 A	10:00-11:00
February 7, 2002	Room 221 A	10:00-11:00
March 7, 2002	Room 221 A	10:00-11:00
April 4, 2002	Room 221 A	10:00-11:00
May 2, 2002	Room 221 A	10:00-11:00
June 6, 2002	Room 221 A	10:00-11:00
July 11, 2002*	Room 221 A	10:00-11:00
August 1, 2002	Room 221 A	10:00-11:00
September 5, 2002	Room 221 A	10:00-11:00



☐ Completed
☒ Upcoming

*These meetings will be held on the second Thursday of the month due to holidays.

Agenda



EAI Core Support Services

Status

Plan for Deploying COD Interfaces

Appendix A: How to get “On the Bus”

Consistent Data Overview

Services provided to Application teams by EAI Core Support are comprehensive. They include:



EAI Core Services Support					
Business Integration Design	Architecture Design	System Installation/ Admin	Interface Development	Performance Testing	Operations Support and Maintenance
<ul style="list-style-type: none"> How can applications integrate with the Enterprise Solution? What are Application/ Trading Partner business needs? If data transformation is necessary, what are Application/ Trading Partner data specifications? 	<ul style="list-style-type: none"> Determine application needs: Online &/or Batch Assess application needs Propose EAI Solution 	<ul style="list-style-type: none"> Install EAI Products Configure EAI Products Administer EAI products 	<ul style="list-style-type: none"> Install MQ SW Configure MQ SW & Verify Build Application Interfaces with or without application team assistance SME support during application testing 	<ul style="list-style-type: none"> Measure message response time Analyze Data Throughput rates 	<ul style="list-style-type: none"> EAI SME Support EAI Architecture Upgrades /Patches

EAI Key Points of Contact:



System/Initiative	EAI Lead
<ul style="list-style-type: none"> ▪ DMCS Replacement ▪ CSID & PEPS Replacement, ▪ Financial Partners Data Mart ▪ FARS Retirement ▪ Enterprise Data Warehouse ▪ NSLDS Re-engineering ▪ e-Campus Based ▪ FAFSA on the Web ▪ FSA Portal ▪ Single Sign On & Security 	<p>Eric Suzuki</p> <p>Eric.N.Suzuki@accenture.com</p> <p>(202) 962-0743</p>
<ul style="list-style-type: none"> ▪ Consistent Answers ▪ Business Integration 	<p>Bruce Kingsley</p> <p>Bruce.Kingsley@accenture.com</p> <p>(202) 962-0793</p>
<ul style="list-style-type: none"> ▪ FMS 	<p>Lauren Brett</p> <p>lgbrett@rsgltd.com</p> <p>(202) 962-0733</p>
<ul style="list-style-type: none"> ▪ LO Web ▪ SAIG 	<p>Barnet Malkin</p> <p>barnet@bitsmart.com</p> <p>(202) 962-0645</p>
<ul style="list-style-type: none"> ▪ COD ▪ eServicing 	<p>Scott Gray</p> <p>sgray@rsgltd.com</p> <p>(202) 962-0795</p>

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Application	Status
FMS	<ul style="list-style-type: none"> ▪ Planning to start Integrated Systems Test between COD, FMS, and EAI. (4/6) ▪ Supported FMS and COD in testing through the bus.
eCB	<ul style="list-style-type: none"> ▪ Finalizing interface between eCB and the EAI bus for file transfer to FMS. (deployment 4/7)
SAIG	<ul style="list-style-type: none"> ▪ Performance testing 3/8 ▪ Estimating anticipated COD load for capacity assessment.
COD	<ul style="list-style-type: none"> ▪ The EAI Team provided support to Common Origination and Disbursement (COD) for school testing, user acceptance testing and inter-system testing. ▪ Supported COD interfaces deployment. We scheduled deployment dates with CSC on all COD interface systems. ▪ COD Interface Development on schedule for April 29th. ▪ Resources diverted to COD have caused some minor slips in other implementations, target dates have been shifted on the timeline for eCB, FARS and COD deployment.
FPDM	<ul style="list-style-type: none"> ▪ Developing interfaces to FMS, PEPS, NSLDS.
FARS Retirement	<ul style="list-style-type: none"> ▪ Planning deployment of FMS to CMDM interface.

Major Issues



Issue	Status
EAI is working with ACS to develop a strategy and schedule for upgrading OpenVMS and MQSeries.	<p>The proposed strategy is to wait to implement the OpenVMS upgrade. Current software versions of the EAI architecture will be deployed to Production. Once the new version of the Data Integrator product is released, then upgrades for DataIntegrator, Open VMS, and MQSeries will be tested and implemented at once.</p> <p>Installed OVMS7.3, MQ5.1 and DI 4.2.4 on a test server. This test server is different from the CRDEV2 server.</p>
Changes in VDC change control process require coordination with CSC.	<p>Potentially significant.</p> <p>Delays deployment of interfaces for eCB, FARS, COD.</p> <p>. Working with ITA and CSC to refine change control process and schedule maintenance windows.</p>

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Plan for Deploying COD Interfaces

COD Systems	Software Validation	Software Configuration	Adapter Installation	Readiness Testing	Patches/ Upgrades
CPS	3/13	3/25	N/A	4/12	4/21
DLSS	TBD	TBD	N/A	4/12	TBD
LO Web	3/13	4/7	4/7	4/12	4/21
FMS	3/13	3/14	3/14	4/12	4/21
NSLDS	3/13	3/25	N/A	4/12	4/21
PEPS	3/13	4/7	4/7	4/12	4/21
SAIG	3/13	4/7	4/7	4/12	4/21
EAI Bus 1	3/13	3/20	3/20	4/12	4/21
EAI Bus 2	3/13	3/20	3/20	4/12	4/21

Adapter Development



Environments	Applications										
	SAIG	EAI	PEPS	CPS	NSLDS	COD/TSYS	LOWeb	FMS	eCB	WAS	DLSS
Production	SAIGP1	EAI P1 EAI P2	PEPSP1	CPP1	NPP1	PP0Q	LOWP1	FMSP1	eCBSP1 eCBSP2	WASP1 WASP2	DLSSP1
Inter System Testing	SAIGI1	EAI I1 EAI I2	PEPSI1	PT1	NPT1	VD0Q	LOWI1	FMSI1	eCBSI1 eCBSI2	WASI1 WASI2	
User Acceptance Testing	SAIGU1	EAI U1 EAI U2	PEPSU1	CPA1	NPA1	VDOQ	LOWU1	FMSU1	eCBSU1 eCBSU2	WASU1 WASU2	
Development	SAIGD1	EAI D1 EAI D2	PEPSD1	CPD1	NPD1			FMSD1	eCBSD1 eCBSD2	WASD1 WASD2	DLSST1

Next Meeting



May 2, 2002

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EAI Core Support Services

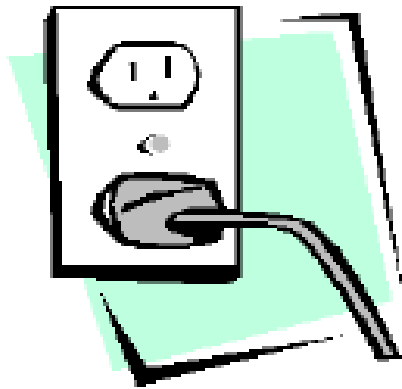
Status

Plan for Deploying COD Interfaces

Appendix A: How to get “On the Bus”

Consistent Data Overview

Building an EAI Interface



- **EAI provides services to application teams.**
- **The EAI Core Team implements the EAI products on the target system platforms and validates the ability to process system functionality.**
- **Application development teams plug into these services and develop application interfaces.**

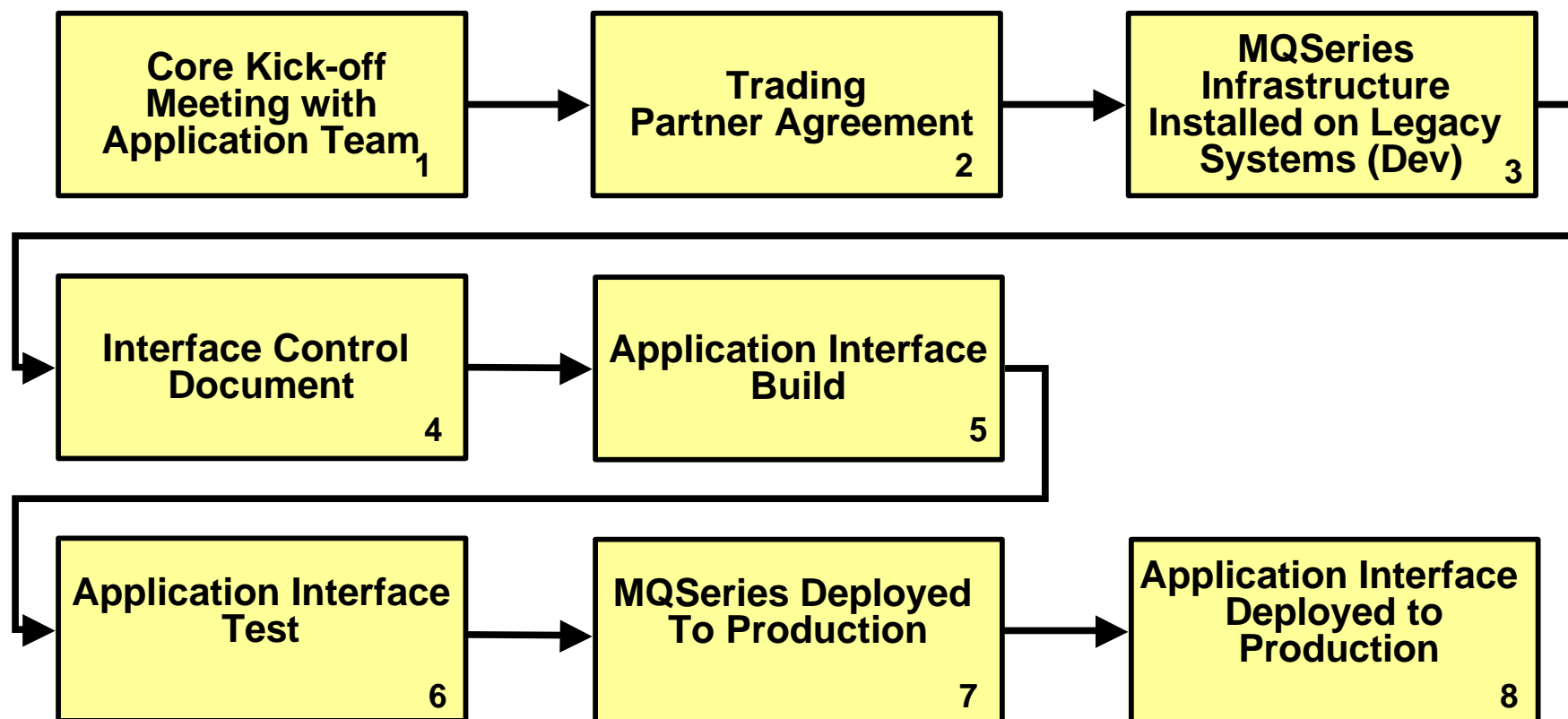
Building an EAI Interface Is a Joint Effort



Task	EAI Team Responsibility	Application Team Responsibility
Identify target machine	Support	Primary
Assess Target Machine (HW Capacity, OS Versions, etc.)	Primary	Primary
Install MQ Software (MQ Series, Data Integrator, MQMon)	Primary	Support
Configure MQ Software and Verify (May include building an interface for test purposes)	Primary	Support
Identify Application Interface Functions (Define functional requirements, formats, layouts, Prepare Interface Control Document)	Support	Primary
Build Application Interfaces	Support	Primary
Test Interfaces	Support	Primary
Migrate Into Production	Primary for Infrastructure	Primary for Application Interface



Steps to implement Interfaces.



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